

Converting Colors

YIQ(61.5290, 68.6750, 38.4590)

Have a look what the booklet for
YIQ(61.5290, 68.6750, 38.4590)
contains.

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Color

**YIQ(61.5290, 68.6750,
38.4590)**

Conversions

Conversions Part 1

Format	Color
Hex	971233
RGB	151, 18, 51
RGB Percent	59%, 7%, 20%
CMY	0.4075, 0.9296, 0.7998
CMYK	0.00, 0.88, 0.66, 0.41
HSL	345°, 79%, 33%
HSV	345°, 88%, 59%
XYZ	13.5928, 7.2579, 3.8238
YIQ	61.5290, 68.6750, 38.4590

Conversions

Conversions Part 2

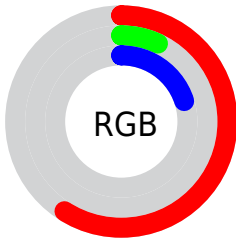
Format	Color
R_{YB}	151, 18, 51
Decimal	9900595
CIE Lab	32.39, 52.91, 17.93
CIE LCh	32, 55.864, 18.722
Yxy	7.2579, 0.5509, 0.2941
Android (android.graphics.Color)	4288090675 (0xFF971233)
YUV	61.5290, -5.1908, 78.4661
Hunter-Lab	26.9405, 42.9160, 10.4431

Details

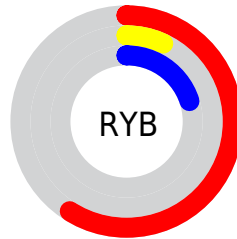
The YIQ color **61.5290, 68.6750, 38.4590** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **107.4710, -68.6750, -38.4590**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **121.1070, 72.6190, 33.0590**, and **28.4910, 53.5020, 21.5820** is the 20% darker color. If you saturate the color by 10%, you get **51.4700, 76.3310, 42.8830**, and if you desaturate by 10%, it is **71.5880, 61.0190, 34.0350**.

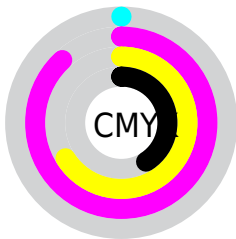
Distribution



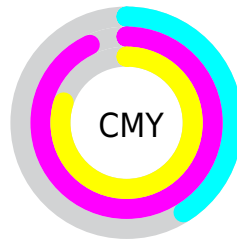
- Red (59%)
- Green (7%)
- Blue (20%)



- Red (59%)
- Yellow (7%)
- Blue (20%)



- Cyan (0%)
- Magenta (88%)
- Yellow (66%)
- Black (41%)



- Cyan (41%)
- Magenta (93%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.5290, 68.6750, 38.4590 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 61.5290, 68.6750, 38.4590 by changing the saturation by 10% instead.

61.5290, 68.6750,
38.4590

61.5290, 68.6750,
38.4590

255.0000, -0.0000,
-0.0000

39.8980, 63.0820,
35.1940

121.1070, 72.6190,
33.0590

28.4910, 53.5020,
21.5820

149.0750, 75.6450,
33.2850

19.5490, 38.4190,
14.0910

172.3620, 67.3470,
29.4830

10.2800, 19.9430,
7.5190

191.7620, 51.3010,
22.9250

0.0000, 0.0000,
0.0000

211.2760, 34.9340,
16.6780

231.4910, 17.9710,

10.2190

251.4780, 1.6500,
3.1380

61.5290, 68.6750,
38.4590

61.5290, 68.6750,
38.4590

51.4700, 76.3310,
42.8830

71.5880, 61.0190,
34.0350

49.4810, 77.7980,
43.8300

81.7610, 53.0420,
29.9220

91.8200, 45.3860,
25.4980

101.8790, 37.7300,
21.0740

112.6390, 29.4780,
16.4380

■ 122.6980, 21.8220,
12.0140

■ 132.8710, 13.8450,
7.9010

■ 142.9300, 6.1890,
3.4770

■ 152.9890, -1.4670,
-0.9470

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.3380, 50.7000, 50.3480



61.5290, 68.6750, 38.4590



68.3500, 66.4800, 6.6400

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.5290, 68.6750, 38.4590



53.5140, -26.6760, -45.2040



69.6510, -76.2480, 5.1920

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61.5290, 68.6750, 38.4590



107.4710, -68.6750, -38.4590

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.7790, -71.1570, -4.4770



61.5290, 68.6750, 38.4590



61.6760, -44.1470, -31.4350

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.5290, 68.6750, 38.4590



68.4660, 17.9780, -28.4700



67.5070, -59.1880, -17.6520



63.3090, -66.1170, 14.3230

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.5290, 68.6750, 38.4590



71.6760, 53.2780, -7.4100



67.5070, -59.1880, -17.6520



70.3690, -75.5140, 2.9020

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61.5290, 68.6750, 38.4590



161.7310, 26.2230, 14.8550



63.0620, 16.9070, 62.5630



78.7680, 15.6330, 8.5370



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.5290, 68.6750, 38.4590



64.1900, 101.0870, 56.7910



77.1380, 70.1930, 10.9370



71.6200, 4.1260, 2.3180



45.8500, 72.2050, 40.5650



4.2290, 6.7850, 3.6890

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61.5290, 68.6750, 38.4590



64.1900, 101.0870, 56.7910



91.8620, -70.1930, -10.9370



71.6200, 4.1260, 2.3180



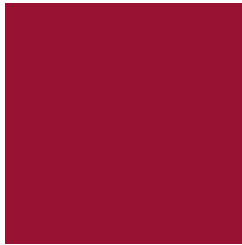
45.8500, 72.2050, 40.5650



4.2290, 6.7850, 3.6890

Previews

White Background



This preview shows how the YIQ color 61.5290, 68.6750, 38.4590 looks on a white background.

Color Contrast Check

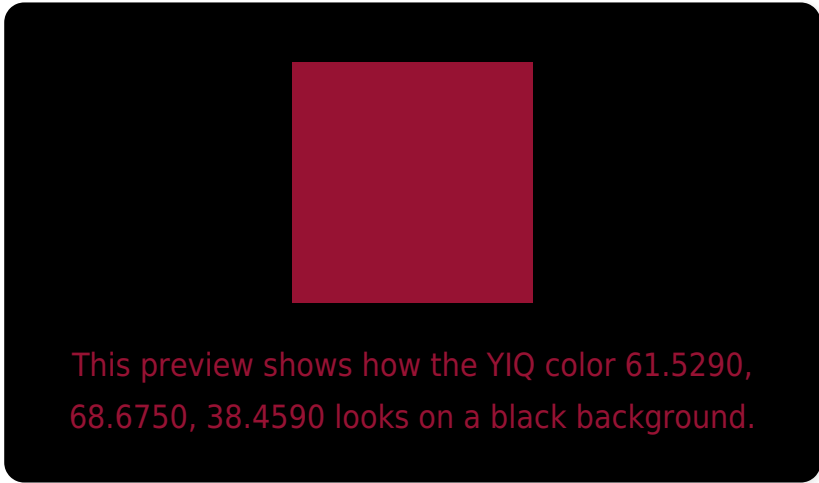
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

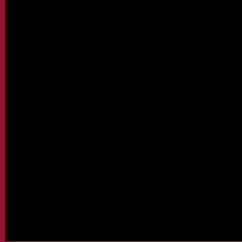
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 61.5290, 68.6750, 38.4590

Background



This preview shows how black text looks on a background with the YIQ color 61.5290, 68.6750, 38.4590.



This preview shows how white text looks on a background with the YIQ color 61.5290, 68.6750,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

61.5290, 68.6750, 38.4590

Protanopia

78.4410, 3.0720, -0.6080

Deuteranopia

77.4460, 21.8710, -5.4010



Tritanopia

62.9620, 74.2250, 25.9770

Trichromacy



Original Color

61.5290, 68.6750, 38.4590

Protanomaly

72.0900, 26.5900, 13.7100

Deuteranomaly

71.4410, 38.6030, 10.7550

Tritanomaly

62.2270, 72.1610, 30.3450

Monochromacy



Original Color

61.5290, 68.6750, 38.4590

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.7200, 24.7560, 13.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.5290, 68.6750, 38.4590 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(151, 18, 51)` looks like.

```
.text, #text, p{  
    color:rgb(151, 18, 51)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(151, 18, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 18, 51) }
```

Border

The CSS property to change the border of an element to YIQ 61.5290, 68.6750, 38.4590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 18, 51) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(151, 18, 51) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(151, 18, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 18, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 18, 51);  
box-shadow:4px 4px 4px 4px rgb(151, 18,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 61.5290, 68.6750, 38.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 18, 51) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(151, 18,  
51) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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